

Job Description

Job Title	Plant In charge – Oxygen plant (responsible for the operations)		
Company/Unit	African Steel Mill	Department	SMS Production
Level	(to be decided later)	Location & Country	Ikorodu
Reports To	Head SMS	Team Size	Minimum 15 people

Brief Job Description with Purpose of role

As an oxygen plant operator, your primary responsibility is to oversee the efficient and safe production of oxygen plant. This involves operating and monitoring equipment such as compressors, distillation columns, and heat exchangers to separate oxygen from air.

You must ensure that the oxygen produced meets quality standards by regularly monitoring parameters like purity, pressure, and temperature.

Maintenance tasks, troubleshooting equipment issues, and adhering to strict safety protocols are also integral parts of your role.

Skills, Experience & Qualifications

Key Selection Criteria's	Mandatory	Desired
Experience	Min 12 yrs. work experience in Oxygen plant production and operations	15 years of experience
Academic qualification	Bachelor's degree in mechanical or production engineering	Certificate program in ISO/Quality initiatives
Core Functional Experience	<ul style="list-style-type: none"> • Knowledge about Compressor unit, Chiller unit, Expansion engine unit, Liquid oxygen pump, Pre-purifier unit, Valve system and Plant control unit. • Knowledge observes pressure, temperature, level, and flow gauge to ensure standard operation. • Knowledge about turns valve to transfer compressed oxygen to storage cylinder 	<ul style="list-style-type: none"> • Computer literate and exposure to relevant ERP

Key Responsibilities

1. Responsible for supply of Oxygen to the production line without interruption
2. Regulating the oxygen cylinder's gas pressure and measuring its level
3. Distribution of oxygen cylinders in accordance with plant requirements
4. Responsible for conducting activities as per maintenance parameters
5. Responsible for record gauge reading and test results
6. Ensure timely execution of job with quality and identify the abnormality of equipment and implement corrective actions
7. Maintain daily / shift logbook
8. Monitor uptime and downtime and improve equipment availability

9. Responsible for ordering and maintaining optimum spares and control excess inventory
10. Implement safety measures to achieve zero accidents
11. Ensure housekeeping and keep dust free environment
12. Comply with 5S
13. Responsible for ensuring optimum resources are available to ensure uninterrupted production
14. Timely dispatch of cylinders to the customers / clients based on the order quantity

Skills / Competencies required	Level (1 – 5)
A. Behavioral Skills	
Attention to Detail: When monitoring parameters like purity, pressure, and temperature to ensure the quality of oxygen produced meets standards.	5
Safety Consciousness: Prioritizes safety by adhering to strict safety protocols and implementing safety measures to achieve zero accidents in the workplace.	5
Communication Skills: Communicates effectively with team members, supervisors, and other stakeholders, conveying technical information clearly and facilitating collaboration to achieve production goals.	4
People Management: Works collaboratively with colleagues and other departments to ensure seamless production processes and timely dispatch of oxygen cylinders to customers.	4
Problem Solving Skills: Exhibits strong problem-solving abilities to troubleshoot equipment issues and implement corrective actions promptly, minimizing disruptions to production.	4
Time Management: Efficiently manages time and resources to ensure timely execution of tasks, maintaining production schedules and minimizing downtime.	5
B Functional Competencies	
Technical Proficiency: Expertise in operating & monitoring equipment such as compressors, distillation columns, heat exchangers, & other components of the oxygen plant	4
Maintenance Skills: Possesses knowledge & experience in conducting maintenance activities as per parameters, ensuring minimizing disruptions to production.	5
Record Keeping: Maintains accurate records of gauge readings, test results, maintenance activities, & production logs, facilitating data-driven decision-making & compliance with regulatory requirements.	4
Quality Assurance: Ensures the quality of oxygen produced meets standards by monitoring parameters and implementing corrective actions as necessary	5
Resource Management: Ensures optimal resources are available to support uninterrupted production, including personnel, equipment, and supplies	5
Customer Focus: Ensures timely dispatch of oxygen cylinders to customers based on order quantity, meeting customer requirements	4
Project Management: By effectively coordinating activities related to equipment maintenance, safety improvements, & process optimization within the oxygen plant.	5